**To:** Caporale, Cynthia[Caporale.Cynthia@epa.gov]

From: Slayton, Joe

**Sent:** Sat 1/25/2014 3:32:37 PM **Subject:** RE: PPH Discussion Group

### Ex. 6 - Personal Privacy

They mentioned "validation" and verifying "performance" of the microextraction techniques so I took that to mean they had performed spike analysis thru the method.

## Ex. 5 - Deliberative

From: Caporale, Cynthia

Sent: Saturday, January 25, 2014 9:19 AM

To: Slayton, Joe

Subject: RE: PPH Discussion Group

I don't think Matric was using the micro extraction - direct inject was what I wrote down. REIC was using the micro extraction technique. With the info below **Ex. 5 - Deliberative** 

#### Ex. 5 - Deliberative

----Original Message-----From: Slayton, Joe

Sent: Saturday, January 25, 2014 8:21 AM

To: Caporale, Cynthia

Subject: RE: PPH Discussion Group

Left EricG a voice mail this AM with a discripton of the mini extraction to concentrate the MCHM. Given the no- solubility in water of both key compounds (somewhat unexpected at least to me given their structure), will help the single partition extractio recoveries for both the MCHM and PPH. I have conveyed to him to give me a call or send me an Email if he wants company/help, so I will not disturb him further as he likes to stay very focused when he is working--a good quality for the exacting work of analysis. JoeS

From: Caporale, Cynthia

Sent: Friday, January 24, 2014 11:31 PM

To: Slayton, Joe; Graybill, Eric; Gundersen, Jennifer; Molnar, Adam; Poff, Kevin; Warner, Sue; Zawodny,

Pegav

Subject: FW: PPH Discussion Group

An update from Matric Lab.

From: Mark Nunley [mailto Ex.6-Personal Privacy @matricinnovates.com]

Sent: Friday, January 24, 2014 11:17 PM

To: Ex. 6 - Personal Privacy @amwater.com; Arguto, William Ex. 6 - Personal Privacy @dupont.com;

bucher@niehs.nih.gov; Burns, Francis; Capacasa, Jon; Caporale, Cynthia; @reiclabs.com; christopher.weis@nih.gov; Ex. 4 - CBI Ex. 6 - Personal Privacy @mail.mil;

Ex. 4 - CBI

teuria.tierney@wv.gov;

Ex. 4 - CBI oc3@cdc.gov; martha.a.mcelfresh@wv.gov; masten@niehs.nih.gov; n	Ex. 4 - CBI
Ex. 4 - CBI	
Ex. 4 - CBI walter.m.ivey@wv.gov; Werner, Lora Subject: RE: PPH Discussion Group	vck3@cdc.gov;
This email is intended to communicate MATRIC's recen	nt findings.
1. Our detection for combined DiPPH and PPH has bee have ran a 1/10/14 sample using the new GC and the re	
2. We have determined that the PPH ratio in the tank of DiPPH and 5-10% PPH. We had earlier believed the ta	
3. Our detection limit is based on being able to detect the ppm of DiPPH.	ne DiPPH peak in a standard that represented 0.
We are currently rerunning the Raw and Finished samp GC that is capable of detecting the DiPPH at 1ppm. We around 10AM.	
Ex. 4 - CBI  [https://mail.matricresearch.com/downloads/MATRICSq	quareLogo.gif]
Ex. 4 - CBI PROCESS ENGINEER  MATRIC   Mid-Atlantic Technology, Research & Innovation	tion Center

Twitter<a href="http://www.twitter.com/matricinnovates">http://www.twitter.com/matricinnovates</a> | LinkedIn<a href="http://www.linkedin.com/company/matric">http://www.linkedin.com/company/matric</a>

Ex. 4 - CBI

P.O. Box 8396, South Charleston, WV 25303

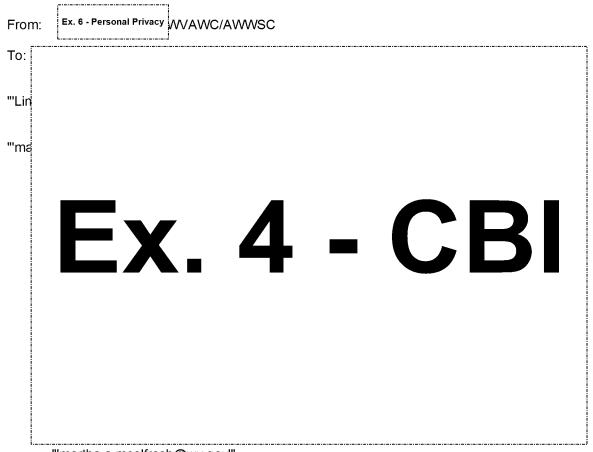
www.matricinnovates.com/> |

Freedom\_0003678\_0002

Original Message		
From: Ex. 6 - Personal Privacy Mamwater, com <mailto, -="" 6="" com="" ex.="" mamwater,="" personal="" privacy=""></mailto,>		
[mailt Ex. 6 - Personal Privacy @amwater.com]		
Sent: Friday, January 24, 2014 6:16 PM		
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'walter.m.ivey@wv.gov'; werner.lora@epa.gov <mailto:werner.lora@epa.gov></mailto:werner.lora@epa.gov>		
Subject: Re: PPH Discussion Group		
Corrected email for Jon Capacasa now included.		
Regards,		
Ex. 6 - Personal Privacy		
President		
West Virginia American Water		
1600 Pennsylvania Avenue		
Charleston, WV 25302		

## Ex. 6 - Personal Privacy

www.amwater.com<http://www.amwater.com>



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# Ex. 4 - CBI

Ex. 6 - Personal Privacy | @mail.mil | Ex. 6 - Personal P

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Date: 01/24/2014 05:55 PM

Subject: PPH Discussion Group

This is the entire PPH discussion group as I understand it right now. REIC labs is working overnight attempting to lower the 1.2 ppm detection limit achieved by MATRIC.

Once we here from REIC in the morning we will set up another conference call for the group.

Regards,

Ex. 6 - Personal Privacy

President

West Virginia American Water

1600 Pennsylvania Avenue

Charleston, WV 25302

# Ex. 6 - Personal Privacy

www.amwater.com<http://www.amwater.com>

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